

# Dairy

## MILK PRODUCTION HIGHLIGHTS

Pasture conditions were excellent from May through September of 2003. Mild weather and plenty of rainfall contributed to lush and heavy pasture during the year. Supplemental feed costs were high though which contributed to a lower rate of production per cow.

New York continues to rank third in the Nation for milk production with 12.0 billion pounds produced, 7 percent of the nation's total production. The 2003 production was down 2 percent from the 12.2 billion pounds produced in 2002. California and Wisconsin were the leading milk producers respectively, while Pennsylvania, Ohio and Vermont ranked fourth, eleventh, and fourteenth respectively.

The annual average number of milk cows, at 671,000 head, was down 1 percent from the previous years number of 675,000. New York ranked third in the nation in the number of milk cows on hand during 2003. New York farms had more than 7 percent of all milk cows in the nation.

Annual output per cow averaged 17,812 pounds, down 2 percent from the record 18,101 pounds a year earlier, but still the second highest rate per cow in New York's history. This average rate was 5 percent below the national average of 18,749 pounds for 2003.

Cash receipts from the sale of milk during 2003 totaled \$1.56 billion, up slightly from the previous year. The \$13.10 per hundredweight received for all milk sold by New York farmers was up \$0.30, or 2 percent, from the \$12.80 received in 2002.

## DAIRY PRODUCTS

There were 116 plants producing one or more dairy products during 2003 in New York, 10 percent of the total plants in the Nation. Cheese production, excluding cottage cheese, totaled 707 million pounds in 2003, down 1 percent from 2002 but up slightly from the 703 million pounds produced in 2001. New York ranks

third in cheese production excluding cottage cheese, behind Wisconsin and California respectively, accounting for 8 percent of the Nation's total production.

Italian cheese production of 402 million pounds, which accounted for 57 percent of New York's total cheese output, decreased 3 percent from 2002. New York ranks third in the Nation in production of Italian cheese with 11 percent of the Nation's total. The production of Mozzarella decreased slightly to 202 million pounds from 204 million pounds in 2002. American-type cheese output was down 5 percent to 88 million pounds. New York accounts for less than 3 percent of the United States total production of American-type cheese.

New York continues to lead the nation in the production of all three cottage cheese categories. Creamed cottage cheese production increased 1 percent from 2002, while cottage cheese curd was down 2 percent, and lowfat cottage cheese was up 6 percent. New York output accounted for 24 percent of all low-fat cottage cheese produced in 2003. Butter production decreased 11 percent to 25 million pounds, while State-wide yogurt production rose 6 percent to 262 million pounds. New York production of standard ice cream totaled 33.7 million pounds, down 3 percent from 2002. Low-fat ice cream production of 5.3 million pounds was 10 percent below the 2002 output. Production of milk sherbet declined 14 percent, while water ice production was down 17 percent.

Table 40. **MILK COW OPERATIONS:** By Herd Size, New York, 1994-2003

Year	Number of milk cows in herd					
	1-29	30-49	50-99	100-199	200 plus	Total
	<i>Number of operations</i>					
1994	2,400	2,200	4,200	1,500	400	10,700
1995	2,100	2,200	4,000	1,300	400	10,000
1996	1,800	2,000	3,700	1,300	400	9,200
1997	1,700	1,900	3,600	1,300	500	9,000
1998	1,600	1,800	3,500	1,300	500	8,700
1999	1,400	1,600	3,200	1,400	600	8,200
2000	1,400	1,500	3,000	1,400	600	7,900
2001	1,300	1,200	2,800	1,300	600	7,200
2002	1,300	1,300	2,800	1,200	600	7,200
2003	1,400	1,300	2,700	1,100	600	7,100

Table 41. **MILK COWS:** Percent by Size of Operation, New York, 1994-2003

Year	1-29	30-49	50-99	100-199	200 plus
	<i>Percent</i>				
1994	3.0	12.0	41.0	26.0	18.0
1995	3.0	13.0	39.0	25.0	20.0
1996	2.7	11.3	37.0	27.0	22.0
1997	2.5	10.5	35.0	27.0	25.0
1998	2.5	10.5	34.0	26.0	27.0
1999	2.0	10.0	31.0	27.0	30.0
2000	2.0	9.0	29.0	28.0	32.0
2001	2.0	8.0	29.0	27.0	34.0
2002	2.0	7.5	28.0	24.0	38.5
2003	2.0	7.5	27.5	22.0	41.0

Table 42. **MILK:** Cows and Production, by Months, New York, 1994 to Date

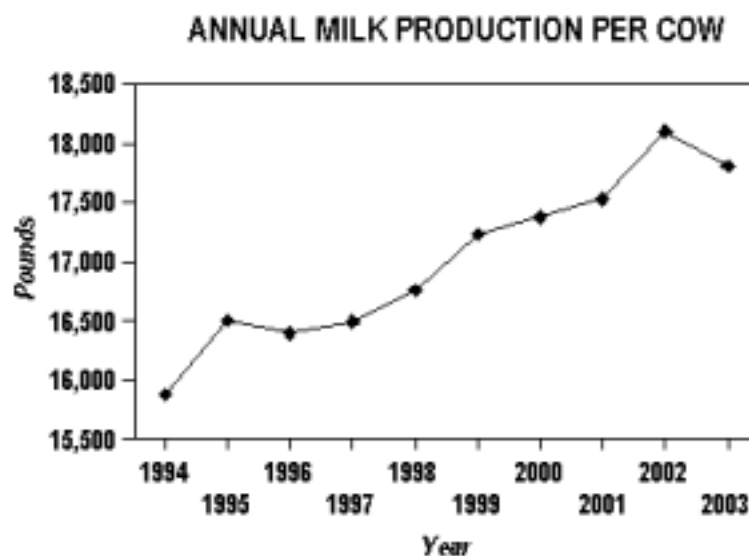
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>MILK COWS ON FARMS</b> <i>(Thousands)</i>												
1994	724	722	725	724	722	718	715	716	715	713	712	711
1995	708	707	707	705	704	702	700	700	702	702	702	702
1996	700	700	700	700	703	704	703	703	703	703	700	700
1997	700	700	700	698	698	698	698	698	697	699	699	700
1998	700	698	697	700	701	701	700	701	702	702	702	702
1999	702	702	700	700	702	702	702	702	702	700	700	700
2000	700	700	698	695	690	688	685	682	678	674	673	670
2001	670	670	670	670	670	673	673	673	673	673	674	675
2002	674	672	675	680	680	680	678	673	672	672	673	675
2003	675	677	680	679	677	675	673	671	668	665	660	657
2004	658	660	660	658								
<b>MILK PRODUCTION PER COW</b> <i>(Pounds)</i>												
1994	1,315	1,195	1,370	1,360	1,425	1,375	1,350	1,325	1,280	1,305	1,250	1,325
1995	1,360	1,250	1,420	1,390	1,460	1,420	1,410	1,390	1,345	1,365	1,310	1,370
1996	1,400	1,340	1,460	1,420	1,445	1,385	1,380	1,355	1,290	1,320	1,270	1,340
1997	1,370	1,260	1,420	1,400	1,465	1,435	1,425	1,400	1,330	1,345	1,290	1,360
1998	1,380	1,280	1,440	1,420	1,490	1,430	1,450	1,420	1,350	1,375	1,330	1,410
1999	1,430	1,320	1,480	1,460	1,530	1,460	1,460	1,465	1,390	1,420	1,370	1,445
2000	1,460	1,380	1,510	1,470	1,530	1,460	1,490	1,470	1,400	1,430	1,360	1,410
2001	1,460	1,315	1,480	1,450	1,540	1,485	1,510	1,470	1,425	1,460	1,425	1,510
2002	1,530	1,405	1,565	1,520	1,605	1,535	1,540	1,510	1,465	1,495	1,420	1,500
2003	1,515	1,400	1,540	1,505	1,570	1,500	1,515	1,475	1,430	1,455	1,410	1,480
2004	1,490	1,400	1,510	1,480								
<b>TOTAL MILK PRODUCTION</b> <i>(Million pounds)</i>												
1994	952	863	993	985	1,029	987	965	949	915	930	890	942
1995	963	884	1,004	980	1,028	997	987	973	944	958	920	962
1996	980	938	1,022	994	1,016	975	970	953	907	928	889	938
1997	959	882	994	977	1,023	1,002	995	977	927	940	902	952
1998	966	893	1,004	994	1,044	1,002	1,015	995	948	965	934	990
1999	1,004	927	1,036	1,022	1,074	1,025	1,025	1,028	976	994	959	1,012
2000	1,022	966	1,054	1,022	1,056	1,004	1,021	1,003	949	964	915	945
2001	978	881	992	972	1,032	999	1,016	989	959	983	960	1,019
2002	1,031	944	1,056	1,034	1,091	1,044	1,044	1,016	984	1,005	956	1,013
2003	1,023	948	1,047	1,022	1,063	1,013	1,020	990	955	968	931	972
2004	980	924	997	974								

Table 43. **MILK:** Production, Disposition, and Income, New York, 1994-2003

Year	Milk cows <u>1/</u>	Milk per cow	Total milk production	Disposition of Milk Produced			Prices received <u>2/</u>	Gross income <u>3/</u>	Value of milk produced <u>4/</u>
				Fed to calves	Used for milk, cream and butter	Sold			
	<u>1,000 head</u>	<u>Lbs.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Dollars</u>	<u>Mil. dol.</u>	<u>Mil. dol.</u>
1994	718	15,877	11,400	137	46	11,217	13.30	1,501.8	1,520.1
1995	703	16,501	11,600	135	40	11,425	13.00	1,492.9	1,510.5
1996	702	16,396	11,510	145	33	11,332	14.90	1,695.3	1,717.0
1997	699	16,495	11,530	130	25	11,375	13.40	1,529.5	1,547.0
1998	701	16,762	11,750	130	17	11,603	15.40	1,789.5	1,809.5
1999	701	17,235	12,082	130	13	11,939	14.60	1,745.0	1,764.0
2000	686	17,378	11,921	125	10	11,786	13.10	1,545.3	1,561.7
2001	672	17,530	11,780	80	5	11,695	15.80	1,848.6	1,861.2
2002	675	18,101	12,218	45	2	12,180	12.80	1,558.0	1,563.8
2003	671	17,812	11,952	45	2	11,905	13.10	1,560.0	1,566.0

1/ Average number on farms during the year. 2/ Prices received for all milk sold wholesale per cwt.

3/ Includes value of milk used for home consumption. 4/ Includes value of milk fed to calves.

Table 44. **MILKFAT:** Average Test of Milk Sold by Dairy Farmers, by Months, New York, 1994 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
	<u>Percent</u>												
1994	3.77	3.74	3.72	3.69	3.66	3.53	3.50	3.52	3.62	3.70	3.72	3.73	3.66
1995	3.69	3.71	3.69	3.68	3.62	3.52	3.48	3.47	3.61	3.71	3.80	3.79	3.65
1996	3.78	3.75	3.76	3.73	3.69	3.58	3.58	3.58	3.62	3.75	3.79	3.76	3.70
1997	3.74	3.72	3.72	3.70	3.67	3.56	3.52	3.55	3.63	3.73	3.80	3.78	3.67
1998	3.73	3.73	3.74	3.69	3.62	3.57	3.52	3.53	3.59	3.72	3.80	3.75	3.66
1999	3.77	3.73	3.73	3.68	3.63	3.53	3.49	3.53	3.59	3.73	3.77	3.77	3.66
2000	3.76	3.75	3.74	3.70	3.69	3.59	3.56	3.58	3.62	3.69	3.75	3.78	3.68
2001	3.74	3.72	3.72	3.69	3.61	3.56	3.53	3.52	3.60	3.69	3.73	3.71	3.65
2002	3.73	3.72	3.73	3.71	3.67	3.60	3.54	3.54	3.60	3.70	3.78	3.76	3.67
2003	3.80	3.80	3.75	3.71	3.65	3.63	3.57	3.57	3.64	3.70	3.78	3.76	3.70
2004	3.76	3.74	3.70	3.66									